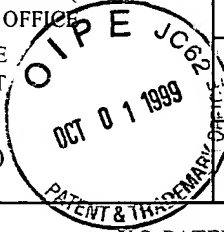


FORM PTO-1449 32).	U.S. DEPARTMENT OF COMMERCE (Rev. 2- PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. PHLY-24,732	SERIAL NO. 09/382,426
(Use several sheets if necessary)		APPLICANT Jeffry Jovan Philyaw and David Kent Mathews	
		FILING DATE August 24, 1999	GROUP xxxxxx



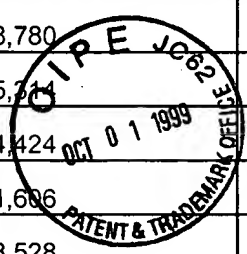
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TB	1	3,668,312	06/06/72	Yamamoto, et al.	178	6.8	04/02/70
TB	2	4,042,792	08/16/77	Pakenham, et al.	179	90	01/26/76
TB	3	4,621,259	11/04/86	Schepers, et al.	340	707	03/28/83
TB	4	4,654,482	03/31/87	DeAngelis	379	95	11/07/84
TB	5	4,816,904	03/28/89	McKenna, et al.	358	84	04/30/87
TB	6	4,817,136	03/28/89	Rhoads	379	355	08/17/87
TB	7	4,841,132	06/20/89	Kajitani, et al.	235	472	07/16/87
TB	8	4,894,789	01/16/90	Yee	364	521	02/22/88
TB	9	4,899,370	02/06/90	Kameo, et al.	379	104	06/13/88
TB	10	4,905,094	02/27/90	Pocock, et al.	358	342	06/30/88
TB	11	4,907,264	03/06/90	Seiler, et al.	379	355	09/14/88
TB	12	4,937,853	06/26/90	Brule, et al.	379	96	05/03/89
TB	13	4,947,028	08/07/90	Gorog	235	381	07/19/88
TB	14	4,975,948	12/04/90	Andresen, et al.	379	355	10/13/89
TB	15	4,984,155	01/08/91	Geier, et al.	364	401	08/29/88
TB	16	5,128,752	07/07/92	Von Kohorn	358	84	10/25/90
TB	17	5,144,654	09/01/92	Kelley, et al.	379	356	03/22/91
TB	18	5,247,347	09/21/93	Litteral, et al.	358	85	09/27/91
TB	19	5,262,860	11/16/93	Fitzpatrick, et al.	358	142	04/23/92
TB	20	5,285,278	02/08/94	Holman	358	142	05/21/92
TB	21	5,287,181	02/15/94	Holman	348	473	08/20/92
TB	22	5,305,195	04/19/94	Murphy	364	401	03/25/92
TB	23	5,319,454	06/07/94	Schutte	348	5.5	11/13/90
TB	24	5,357,276	10/18/94	Banker, et al.	348	7	12/01/92
TB	25	5,438,355	08/01/95	Palmer	348	1	04/16/93
TB	26	5,446,490	08/29/95	Blahut, et al.	348	7	10/23/92
TB	27	5,446,919	08/29/95	Wilkins	455	6.2	10/09/91

TB	28	5,570,295	02/29/96	Isenberg, et al.	514	03/18/94
TB	29	5,604,542	02/18/97	Dedrick	348	02/08/95
TB	30	5,640,193	06/17/97	Wellner	348	08/15/94
TB	31	5,664,110	09/02/97	Green, et al.	705	12/08/94
TB	32	5,708,780	01/13/98	Levergood, et al.	395	06/07/95
TB	33	5,715,781	02/03/98	Payne, et al.	380	10/24/94
TB	34	5,724,424	03/03/98	Gifford	380	11/29/95
TB	35	5,761,686	06/02/98	Wolzien	455	02/08/96
TB	36	5,768,528	06/16/98	Stumm	395	05/24/96
TB	37	5,774,870	06/30/98	Storey	705	12/14/95
TB	38	5,790,793	08/04/98	Higley	395	04/04/95
TB	39	5,794,210	08/11/98	Goldhaber, et al.	705	12/11/95
TB	40	5,905,251	05/18/99	Knowles	235	07/11/97
TB	41	5,907,793	05/25/99	Reams	455	08/03/95
TB	42	5,933,829	08/03/99	Durst, et al.	707	11/08/97

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FORM PTO-1449 (Rev. 2-32) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. PHL-24,732	SERIAL NO. 09/382,426
	APPLICANT Jeffry Jovan Philyaw and David Kent Mathews	
	FILING DATE August 24, 1999	GROUP 2755

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TB	1	4,002,886	01/11/77	Sundelin	235	61.7R	
TB	2	4,365,148	12/21/82	Whitney	235	383	
TB	3	4,780,599	10/25/88	Baus	235	383	
TB	4	4,785,296	11/15/88	Tabata et al.	340	731	
TB	5	4,833,308	05/23/89	Humble	235	383	
TB	6	4,845,634	07/04/89	Vitek et al.	364	468	
TB	7	4,901,073	02/13/90	Kibrick	341	13	
TB	8	4,916,293	04/10/90	Cartlidge et al.	235	375	
TB	9	4,959,530	09/25/90	O'Connor	235	383	
TB	10	5,038,023	08/06/91	Saliga	235	385	
TB	11	5,054,096	10/01/91	Beizer	382	41	
TB	12	5,088,045	02/11/92	Shimanaka et al.	364	468	
TB	13	5,111,391	05/05/92	Fields et al.	364	401	
TB	14	5,115,326	05/19/92	Burgess et al.	358	440	
TB	15	5,161,037	11/03/92	Saito	358	468	
TB	16	5,161,214	11/03/92	Addink et al.	395	145	
TB	17	5,182,705	01/26/93	Barr et al.	364	401	
TB	18	5,189,630	02/23/93	Barstow et al.	364	514	
TB	19	5,191,525	03/02/93	LeBrun et al.	364	419	
TB	20	5,198,644	03/30/93	Pfeiffer et al.	235	383	
TB	21	5,235,654	08/10/93	Anderson et al.	382	61	
TB	22	5,241,402	08/31/93	Aboujaoude et al.	358	406	
TB	23	5,243,531	09/07/93	DiPippo et al.	364	468	
TB	24	5,288,976	02/22/94	Citron et al.	235	375	

TB	25	5,296,688	08/22/94	Hamilton et al.	235	375	
TB	26	5,304,786	04/19/94	Pavlidis et al.	235	462	
TB	27	5,324,922	06/28/94	Roberts	235	375	
TB	28	5,331,547	07/19/94	Laszlo	364	413	
TB	29	5,340,966	08/23/94	Morimoto	235	376	
TB	30	5,362,948	11/08/94	Morimoto	235	376	
TB	31	5,382,779	01/17/95	Gupta	235	383	
TB	32	5,386,298	01/31/95	Bronnenberg et al.	358	403	
TB	33	5,398,336	03/14/95	Tantry et al.	395	600	
TB	34	5,405,232	04/11/95	Lloyd et al.	414	280	
TB	35	5,418,713	05/23/95	Allen	364	403	
TB	36	5,420,403	05/30/95	Allum et al.	235	375	
TB	37	5,420,943	05/30/95	Mak	382	313	
TB	38	5,424,524	06/13/95	Ruppert et al.	235	462	
TB	39	5,491,508	02/13/96	Friedell et al.	348	16	
TB	40	5,493,107	02/20/96	Gupta et al.	235	383	
TB	41	5,519,878	05/21/96	Dolin, Jr.	395	800	
TB	42	5,530,852	06/25/96	Meske, Jr. et al.	396	600	
TB	43	5,572,643	11/05/96	Judson	395	793	
TB	44	5,592,551	01/07/97	Lett et al.	380	20	
TB	45	5,594,226	01/14/97	Steger	235	379	
TB	46	5,602,377	02/11/97	Beller et al.	235	462	
TB	47	5,649,186	07/15/97	Ferguson	395	610	
TB	48	5,671,282	09/23/97	Wolff et al.	380	25	
TB	49	5,675,721	10/07/97	Freedman et al.	395	129	
TB	50	5,682,540	10/28/97	Klotz, Jr. et al.	395	766	
TB	51	5,694,163	12/02/97	Harrison	348	13	
TB	52	5,710,887	01/20/98	Chelliah et al.	395	226	
TB	53	5,745,681	04/28/98	Levine et al.	395	200.3	
TB	54	5,754,906	05/19/98	Yoshida	396	448	
TB	55	5,757,917	05/26/98	Rose et al.	380	25	

TB	56	5,764,986	06/09/98	Edelstein et al.	395	200.49	
TB	57	5,765,176	06/09/98	Bloomberg	707	514	
TB	58	5,771,664	06/30/98	Hidary et al.	395	200	
TB	59	5,778,364	07/07/98	Wesinger, Jr. et al.	707	10	
TB	60	5,791,991	08/11/98	Small	463	41	
TB	61	5,796,952	08/18/98	Davis et al.	305	200.5	
TB	62	5,804,803	09/08/98	Cragun et al.	235	375	
TB	63	5,815,776	09/29/98	Nukada	399	174	
TB	64	5,832,223	11/03/98	Hara et al.	395	200.47	
TB	65	5,833,468	11/10/98	Guy et al.	434	350	
TB	66	5,848,202	12/08/98	D'Eri et al.	382	306	
TB	67	5,848,413	12/08/98	Wolff	707	10	
TB	68	5,854,897	12/29/98	Radziewicz et al.	709	224	
TB	69	5,864,823	01/26/99	Levitan	105	14	
TB	70	5,869,819	02/09/99	Knowles et al.	235	375	
TB	71	5,905,248	05/18/99	Russell et al.	235	462	
TB	72	5,905,665	05/18/99	Rim	364	746	
TB	73	5,905,865	05/18/99	Palmer et al.	395	200.47	
TB	74	5,913,210	06/15/99	Call	707	4	
TB	75	5,915,090	06/22/99	Joseph et al.	709	202	
TB	76	5,918,214	06/29/00	Perkowski	705	27	
TB	77	5,925,865	07/20/99	Steger	235	379	
TB	78	5,929,850	07/27/99	Broadwin et al.	345	327	
TB	79	5,932,863	08/03/99	Rathus et al.	235	462.15	
TB	80	5,948,061	09/07/99	Merriman et al.	709	219	
TB	81	5,957,695	09/28/99	Redford et al.	434	307R	
TB	82	5,960,411	09/28/99	Hartman et al.	705	26	
TB	83	5,961,603	10/05/99	Kunkel et al.	709	229	
TB	84	5,970,471	10/19/99	Hill	705	26	
TB	85	5,970,472	10/19/99	Allsop et al.	705	26	
TB	86	5,971,277	10/26/99	Cragun et al.	235	462.01	

TB	87	5,974,442	10/26/99	Jeske	709	202	
TB	88	5,978,451	10/26/99	Simmons	709	218	
TB	89	5,976,833	11/02/99	Furukawa et al.	435	69.1	
TB	90	5,978,773	11/02/99	Hudetz et al.	709	219	
TB	91	5,991,739	11/23/99	Cupps et al.	705	26	
TB	92	5,992,752	11/30/99	Wilz, Sr. et al.	235	472.01	
TB	93	5,995,105	11/30/99	Reber et al.	345	356	
TB	94	6,002,394	12/14/99	Schein et al.	345	327	
TB	95	6,003,073	12/14/99	Solvason	709	219	
TB	96	6,006,257	12/21/99	Slezak	709	219	
TB	97	6,009,410	12/28/99	LeMole et al.	709	219	
TB	98	6,009,465	12/28/99	Decker et al.	709	219	
TB	99	6,012,102	01/04/00	Shachar	710	5	
TB	100	6,018,764	01/25/00	Field et al.	709	217	
TB	101	6,049,539	04/11/00	Lee et al.	370	355	
TB	102	6,064,929	05/16/00	Perkowski	705	26	
TB	103	6,108,656	08/22/00	Durst et al.	707	10	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
TB	F1	WO 95/10813	10/14/94	PCT	G06F	15/403	NO
TB	F2	WO 96/07146	9/1/95	PCT	G06F	17/00	NO
TB	F3	WO 97/37319	2/20/97	PCT	G06K	7/10	NO
TB	F4	WO 98/03923	1/29/98	PCT	G06F	15/163	NO
TB	F5	WO 98/06055	2/12/98	PCT	G06F	163/00	NO
TB	F6	WO 98/09243	8/22/97	PCT	G06F	19/00	NO
TB	F7	WO 98/19259	5/7/98	PCT	G06F	17/60	NO
TB	F8	WO 98/40823	9/17/98	PCT	G06F	13/00	NO
TB	F9	WO 99/63457	6/3/99	PCT	G06F	17/30	NO
TB	F10	EP 0 961 250 A2	12/1/99	EP	G07F	19/00	NO
TB	F11	JP 10188140A	12/24/96	JP	G07G	1/12	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

		"Group Decision Support System: Development and Application", Energy Systems, Westinghouse, Pittsburgh, PA
	D2	"New Technologies in Credit Card Authentication", Pieter de Bryne, Institute for Communications Technology, Zurich, Switzerland
	D3	"VITAL, a Private Teaching System by Fax Communication", Atsusji Iizawa, Noriro Sugiki, Yukari Shitora and Hideko Kunii, Software Research Center, Tokyo, Japan
	D4	"Document on Computer" USPS Technical Support Center, Norman, OK
	D5	"Development of a Commercially Successful Wearable Data Collection System", Symbol Technologies, Inc.
	D6	"What do forward looking companies consider in their plans and developments?", A.G. Johnston, Nestle
	D7	"The Automation Synergy", Neves and Noivo, Portugal
	D8	"Integration of Hand-Written Address Interpretation Technology into the United States Postal Service Remote Computer Reader System", Srihari (CEDAR, SUNY at Buffalo) and Kueberg (U.S. Postal Service, VA)
	D9	"Paper Based Document Security - A Review", van Renesse, TNO Institute of Applied Physics, The Netherlands
	D10	"IEEE Standard for Bar Coding for Distribution Transformers" Transformers Committee of the IEEE Power Engineering Society, The Institute of Electrical and Electronics Engineers, Inc. NY
	D11	"The Stylus™-Shopping from Home", STYLUS Innovation, MA
	D12	"Distributing Uniform Resource Locators as Bar Code Images", IBM Technical Disclosure Bulletin, Jan 1996
	D13	"Bar Code Method for Automating Catalog Orders", IBM Technical Disclosure Bulletin, September 1998
	D14	"Bar-Code Recognition System Using Image Processing", Kuroki, Yoneoka et al., Hitachi Research Laborator
EXAMINER <u>ZB</u>		DATE CONSIDERED <u>2/27/02</u>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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